Index of Claims

Application/Control No.

10/796,301 Examiner

Lee Lum

Applicant(s)/Patent under Reexamination

HAMAKITA ET AL.

Art Unit

3611

|  |             | <b>√</b> | Rejected                           |          |          |          | ŀ        | -        | (Through numeral)<br>Cancelled |          |          |           |              |          |                | N        | N        | No           | Non-Elected |          |          |  | A Appeal |            |  |               |              |           |          |          |          |          |          |
|--|-------------|----------|------------------------------------|----------|----------|----------|----------|----------|--------------------------------|----------|----------|-----------|--------------|----------|----------------|----------|----------|--------------|-------------|----------|----------|--|----------|------------|--|---------------|--------------|-----------|----------|----------|----------|----------|----------|
|  |             | Ī        | Allowed                            |          |          |          |          | +        | Restricted                     |          |          |           |              |          |                |          | ı        | Interference |             |          |          |  |          | 0          | Objected   |               |              |           |          |          |          |          |          |
| Claim Date                                       |             |          |                                    |          |          |          |          |          |                                | Claim E  |          |           |              |          | D              | ate      | •        |              |             |          | Claim    |  |          | Date       |  |               |              |           |          |          |          |          |          |
| _  | ginal ginal |          |                                    |          |          |          |          |          |                                |          | _        | le l      |              |          |                |          |          |              |             | İ        |          |  | =        | lal        |  |               |              |           |          |          |          |          |          |
| Final  | Original    | 0        |                                    |          |          |          |          |          |                                |          | Final    | Original  |              |          |                |          |          |              |             |          |          |  | Final    | Original   |  |               |              |           |          |          |          |          |          |
|  | 1           | Ų        |                                    |          | 1        | 1        | 1        | $\dashv$ | 1                              |          |          | 51        |              |          |                |          |          |              | $\dashv$    | $\Box$   |          |  |          | 101        |  |               | $\downarrow$ | $\exists$ |          |          |          | $\Box$   |          |
|  | 2           | Н-       | _                                  |          | -        | 4        | $\dashv$ | _        | -                              | 4        |          | 52        |              | Н        | $\dashv$       | $\dashv$ | $\dashv$ | $\dashv$     | $\dashv$    | 4        | $\dashv$ |  |          | 102        | Н  | $\dashv$      | -            | $\dashv$  | 4        | $\dashv$ | -        |          | _        |
|  | <u>3</u>    | Н        |                                    | -        | +        | +        | $\dashv$ | +        |                                | +        | }        | 53<br>54  | _            | Н        | $\dashv$       | $\dashv$ | $\dashv$ | $\dashv$     | $\dashv$    | _        | $\dashv$ |  |          | 103<br>104 | H  | +             | +            | $\dashv$  | $\dashv$ | $\dashv$ | $\dashv$ |          | $\dashv$ |
|  | 5           | Н        | $\dashv$                           | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$ | $\top$                         | ┨        | $\vdash$ | 55        | _            | H        | $\dashv$       | $\dashv$ | $\dashv$ | ┪            | $\dashv$    | $\dashv$ | $\dashv$ |  |          | 105        | $\vdash$   | $\dashv$      | $\dashv$     | $\dashv$  | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$ |
| <del>                                     </del> | 6           |          | Н                                  | 寸        | 十        | ╅        | 十        | _        | ╅                              |          | _        | 56        |              |          | $\dashv$       | $\dashv$ | $\dashv$ |              | $\dashv$    | $\dashv$ | $\dashv$ |  |          | 106        |  | $\neg$        |              | _         | 7        | $\neg$   | $\dashv$ | $\dashv$ | ┪        |
|  | 7           | ĺ        |                                    |          | 1        |          |          |          | 1_                             | ]        |          | 57        |              |          |                |          |          |              |             |          |          |  |          | 107        |  |               |              |           |          |          |          |          |          |
|  | 8           |          |                                    | $\Box$   | $\perp$  | $\prod$  | $\Box$   | $\bot$   | $\Box$                         | _        |          | 58        |              | П        | $\Box$         | $\Box$   | $\Box$   | コ            | $\Box$      | $\Box$   |          |  |          | 108        |  | $\Box$        | Ţ            | П         | Ī        |          | $\Box$   | $\Box$   |          |
|  | 9           | <u> </u> | $\mid \! \! - \! \! \! \! \! \mid$ | -        | 4        | _        | _        | _        | +                              | 4        |          | 59        |              |          |                | 4        |          | _            |             | 4        |          |  |          | 109        | $\sqcup$   | 4             | $\downarrow$ | 4         | _        | _        | $\dashv$ | $\dashv$ | 4        |
|  | 10          | -        | $\vdash$                           | -        | -        | -        | +        |          | +                              | 4        |          | 60        | ļ            | H        | _              | $\dashv$ | _        | -            | $\dashv$    | $\dashv$ | 4        |  |          | 110        | H  | $\dashv$      | +            | $\dashv$  | 4        | -        | 4        | $\dashv$ | -        |
|  | 11<br>12    | $\vdash$ | $\vdash$                           | $\dashv$ | +        | +        | $\dashv$ | +        | +                              | $\dashv$ | _        | 61<br>62  |              | H        | +              | $\dashv$ | $\dashv$ | -            | $\dashv$    | $\dashv$ | $\dashv$ |  |          | 111<br>112 | <del>   </del>                                   | $\dashv$      | +            | +         | +        | -        |          |          | $\dashv$ |
| $\vdash$   | 13          | $\vdash$ | $\vdash$                           | $\dashv$ | +        | +        | +        | +        | +                              | $\dashv$ |          | 63        | -            | $\vdash$ | -              | $\dashv$ |          | -            | $\dashv$    | $\dashv$ | $\dashv$ |  |          | 113        | <del>   </del>                                   | +             | +            | $\dashv$  | +        | $\dashv$ | +        | $\dashv$ | $\dashv$ |
|  | 14          | H        |                                    |          | $\dashv$ |          |          | _        | +                              | ┪        |          | 64        |              | $\vdash$ |                | $\dashv$ |          | $\neg$       | 十           | 寸        | ᅥ        |  |          | 114        |  | 7             |              | $\dashv$  | $\dashv$ |          | $\neg$   | 寸        |          |
|  | 15          | Γ        |                                    |          |          |          | _        | 丁        | $\top$                         | 7        |          | 65        |              |          |                | $\neg$   |          | $\neg$       | 1           | T        |          |  |          | 115        | П  | $\dashv$      | 寸            | 寸         | ヿ        | 寸        | $\dashv$ | 寸        | _        |
|  | 16          |          |                                    |          |          |          |          |          |                                | ]        |          | 66        |              |          |                |          |          |              |             |          |          |  |          | 116        |  |               |              |           |          |          |          |          |          |
|  | 17          |          |                                    | $\Box$   |          |          |          |          |                                |          |          | 67        |              |          |                |          |          |              |             |          |          |  |          | 117        |  |               |              |           |          |          |          |          |          |
| ļ  | 18          | L        |                                    | $\dashv$ | $\bot$   | _        | _        | _        | $\perp$                        | 4        |          | 68        |              | Ш        | _              |          |          | _            |             |          |          |  |          | 118        | Ш  | 4             | $\dashv$     | _         | _        | _        | _        | _        | _        |
| ļ  | 19          | <u> </u> |                                    | 4        | 4        | -        |          | 4        | 4                              | 4        |          | 69        | _            | Ш        | 4              | _        |          | 4            | _           | _        | _        |  |          | 119        | $\vdash$   |               | 4            | 4         | 4        | _        | _        | 4        | 4        |
|  | 20          | ├        | $\vdash$                           |          | -        | $\dashv$ |          |          | +                              | -        |          | 70        | _            | Н        | -              |          | -        | -            |             |          | $\dashv$ |  |          | 120<br>121 | $\vdash$   | -+            | $\dashv$     | $\dashv$  | $\dashv$ | -        | $\dashv$ | $\dashv$ | $\dashv$ |
| -  | 21          | ├        |                                    | -+       | +        | $\dashv$ | $\dashv$ | $\dashv$ | +                              | ┨        | $\vdash$ | 71<br>72  | ⊢            | $\vdash$ | $\dashv$       |          | -        |              | +           |          | -        |  |          | 122        | -  | $\dashv$      | $\dashv$     | $\dashv$  | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$ |
| $\vdash$   | 23          | $\vdash$ | H                                  | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$ | +                              | $\dashv$ | $\vdash$ | 73        | -            | $\vdash$ | ᆉ              | $\dashv$ | -        |              | $\dashv$    | -        | -        |  |          | 123        | ┤┤   | $\dashv$      | $\dashv$     | $\dashv$  | +        | $\dashv$ | +        | $\dashv$ | $\dashv$ |
| $\vdash$   | 24          | $t^-$    |                                    |          | $\dashv$ | $\dashv$ | 1        | $\dashv$ | +                              | ┪        | <b> </b> | 74        | ┢            |          | $\neg \dagger$ | _        |          |              | _           | $\dashv$ |          |  |          | 124        | Н  | $\dashv$      | $\dashv$     | $\dashv$  |          | $\neg$   |          | -        | $\dashv$ |
| <u> </u>   | 25          |          |                                    |          | 1        | $\dashv$ | 7        | $\dashv$ |                                | 1        |          | 75        |              |          |                |          |          |              | <u> </u>    | $\dashv$ |          |  |          | 125        | H  | 寸             | _            | $\neg$    | ᅥ        | $\neg$   |          |          |          |
|  | 26          |          |                                    |          |          |          |          |          |                                | 1        |          | 76        |              |          |                |          |          |              |             |          |          |  |          | 126        |  |               |              |           |          |          |          |          |          |
|  | 27          |          |                                    |          |          |          |          | $\Box$   |                                |          |          | 77        |              |          |                |          |          |              |             |          |          |  |          | 127        |  |               |              |           |          |          |          |          | $\Box$   |
|  | 28          | L        | _                                  | _        | _        | _        |          | _        | _                              | - ↓      | <u> </u> | 78        | <u> </u>     | Ш        | _              | $\dashv$ |          |              | $\dashv$    | _        |          |  |          | 128        | Ш  | _             | _            | _         | _        | $\Box$   |          |          | _        |
| _  | 29          | ┡        |                                    |          | 4        | 4        | 4        | 4        | +                              | 4        |          | 79        | <u> </u>     | Н        | -              | _        | _        |              | $\dashv$    | -        |          |  |          | 129        | Н  | -             |              | -         |          |          | _        | -        |          |
|  | 30          | ⊢        |                                    |          | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$ | +                              | 4        |          | 80        | ┝            | $\vdash$ | -              | $\dashv$ | $\dashv$ |              | $\dashv$    | $\dashv$ |          |  |          | 130        | $\vdash$   | -             |              |           |          | $\dashv$ | -        | $\dashv$ | $\dashv$ |
|  | 31<br>32    | +-       |                                    |          | +        | +        | $\dashv$ | $\dashv$ | +                              | $\dashv$ |          | 81<br>82  | $\vdash$     | ╌┤       |                |          |          | $\dashv$     | $\dashv$    |          |          |  |          | 131<br>132 | $\vdash$   | +             | $\dashv$     | $\dashv$  | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$ |
| <del> </del>                                     | 33          | $\vdash$ | $\vdash$                           | $\dashv$ | $\dashv$ | +        | -+       | $\dashv$ | +                              | ┪        | <u> </u> | 83        | -            | $\vdash$ | -              | $\dashv$ | $\dashv$ |              | $\dashv$    | $\dashv$ | $\dashv$ |  |          | 133        | H  | $\dashv$      | $\dashv$     | $\dashv$  | $\dashv$ | $\dashv$ | $\dashv$ | _        | $\dashv$ |
|  | 34          | $\vdash$ |                                    | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$ | 十                              | 7        |          | 84        |              | П        | $\dashv$       | $\dashv$ | $\dashv$ |              | $\dashv$    | $\dashv$ | $\neg$   |  |          | 134        | П  | $\dashv$      | $\dashv$     | $\dashv$  | $\dashv$ | $\dashv$ | $\dashv$ |          | $\neg$   |
|  | 35          | L        |                                    |          |          |          |          |          |                                |          |          | 85        |              |          |                |          |          |              |             |          |          |  |          | 135        |  |               | 丁            |           |          |          |          |          |          |
|  | 36          | $\Box$   |                                    | $\Box$   | $\Box$   | $\Box$   |          |          | I                              |          |          | 86        |              | П        |                |          |          |              | $\Box$      |          |          |  |          | 136        | 口  |               | Ţ            | $\Box$    |          |          |          | $\Box$   |          |
| <u> </u>   | 37          |          | Ш                                  | [        | 1        | $\perp$  | $\perp$  | $\perp$  | $\perp$                        | 4        |          | 87        | $oxed{oxed}$ | Ш        | _              | _[       | _        |              |             | [        |          |  |          | 137        | Ш  |               | _            |           | _        | _        | _        | _        | _        |
| -  | 38          | -        | <u> </u>                           | $\dashv$ | -        | 4        | $\dashv$ | $\dashv$ | +                              | 4        | <u> </u> | 88        | $\vdash$     | $\vdash$ | $\dashv$       |          | _        | $\dashv$     |             | _        |          |  |          | 138        | $\vdash \vdash$                                  | $\dashv$      | $\dashv$     | $\dashv$  | _        | $\dashv$ |          | $\dashv$ | $\dashv$ |
|  | 39<br>40    | -        | <u> </u>                           | $\dashv$ | $\dashv$ | +        |          | -+       | +                              | $\dashv$ |          | 89<br>90  | -            |          |                |          | -        |              |             |          | $\dashv$ |  |          | 139<br>140 |  | $\dashv$      | $\dashv$     | $\dashv$  | -        |          | $\dashv$ |          | $\dashv$ |
| -  | 41          | +-       | H                                  | $\dashv$ | +        | +        | $\dashv$ | +        | +                              | $\dashv$ | <u> </u> | 91        | ├            | $\vdash$ | $\dashv$       | $\dashv$ | -        | H            | $\vdash$    | $\dashv$ | $\dashv$ |  |          | 141        | <del>                                     </del> | +             | $\dashv$     |           | $\dashv$ |          | $\dashv$ |          | $\dashv$ |
| -  | 42          | _        | $\vdash$                           | -        | $\dashv$ | 7        | 十        | $\dashv$ | +                              | ┪        | <u> </u> | 92        | $\vdash$     | ┌┤       | $\dashv$       | -        | $\dashv$ | $\vdash$     | -+          | 7        | $\dashv$ |  |          | 142        | $\vdash$   | -             | $\dashv$     |           | $\dashv$ | _        | -        | -+       | $\dashv$ |
|  | 43          | T        |                                    | $\dashv$ | $\dashv$ | $\top$   | 1        | $\dashv$ | $\top$                         | 7        |          | 93        |              | П        |                | 1        |          | Н            |             | 7        | $\dashv$ |  |          | 143        | $\Box$   |               | 7            |           | 1        |          | $\dashv$ | _        | $\dashv$ |
|  | 44          |          |                                    |          |          | $\Box$   |          |          |                                |          |          | 94        |              |          |                | 寸        |          |              |             |          |          |  |          | 144        |  |               | 丁            |           | ╛        |          |          | 寸        |          |
|  | 45          |          |                                    |          |          | $\Box$   |          |          |                                | ]        |          | 95        |              |          |                |          |          |              |             | $\Box$   |          |  |          | 145        |  |               |              |           |          |          |          |          |          |
|  | 46          | <u> </u> |                                    |          | $\perp$  | _        | $ \bot $ | _        | $\perp$                        | 4        | <u> </u> | 96        | L            | Ш        | [              |          |          | Ш            |             | _        | _        |  |          | 146        | Ш  |               | _[           |           |          | [        |          | [        | _        |
| <u> </u>   | 47          | <u> </u> | Щ                                  | $\Box$   | $\perp$  | $\dashv$ | $\dashv$ | $\dashv$ | _                              | 4        | L.       | 97        | <u> </u>     | $\sqcup$ | $\dashv$       | _        |          | $\sqcup$     |             | 4        |          |  | ļ        | 147        | $\sqcup$   | $\rightarrow$ | $\dashv$     | _         | _        | $\dashv$ | _        |          | _        |
| -  | 48          | ├-       | <u> </u>                           |          | $\dashv$ | $\dashv$ | -        | _        | +                              | 4        | <u> </u> | 98        | _            | Н        | $\dashv$       | -        |          | $\sqcup$     | $\vdash$    | -        | ᅴ        |  |          | 148        | $\sqcup$   | _             | $\dashv$     | -         | -        |          | _        | $\dashv$ | $\dashv$ |
| -  | 49<br>50    | +        | -                                  |          | $\dashv$ | $\dashv$ | -        | -        | +                              | 4        |          | 99<br>100 | <u> </u>     |          |                | -        |          |              | $\dashv$    | $\dashv$ | $\dashv$ |  | <u> </u> | 149<br>150 | $\vdash$   |               | $\dashv$     | $\dashv$  | 4        |          |          | $\dashv$ | $\dashv$ |
| 1  | l OO        | 1        | 1 1                                | 1        | 1        | - 1      | - 1      | - 1      | i                              |          | i .      | 1100      | i            | ı I      |                | - 1      |          |              |             | - 1      | - 1      |  | ı        | 1 100      | ı I  |               | - 1          | - 1       |          |          |          | - 1      | - 1      |